

# Claims

- [c1] A GPS positioner having a rescue call function, comprising:
  - a global positioning receiving module for receiving navigation signals from satellites;
  - a Bluetooth communication interface electrically connected to the global positioning receiving module; and
  - an emergency button for sending a rescue request signal through the Bluetooth communication interface.
- [c2] The GPS positioner having a rescue call function of Claim 1, wherein the rescue request signal is sent to a device also with a Bluetooth communication interface, and then the device is driven to send a rescue request message or dial an emergency phone number.
- [c3] The GPS positioner having a rescue call function of Claim 1, further comprising a rescue request signal generator for transferring an output signal of the emergency button to the rescue request signal.
- [c4] The GPS positioner having a rescue call function of Claim 1, wherein the Bluetooth communication interface automatically searches a device also with a Bluetooth com-

munication interface after the GPS positioner is powered on.

[c5] The GPS positioner having a rescue call function of Claim 4, wherein the Bluetooth communication interface obtains match information from the device.

[c6] A GPS having a rescue call function, comprising:  
a GPS positioner including:  
a global positioning receiving module for receiving navigation signals from satellites;  
a Bluetooth communication interface electrically connected to the global positioning receiving module; and  
an emergency button for sending a rescue request signal through the Bluetooth communication interface; and  
at least one device with a Bluetooth communication interface.

[c7] The GPS having a rescue call function of Claim 6, wherein the rescue request signal of the GPS positioner drives the device with a Bluetooth communication interface to send a rescue request message or dial an emergency phone number.

[c8] The GPS having a rescue call function of Claim 6, wherein the device with a Bluetooth communication interface is a personal digital assistant, a notebook computer or a

smart phone.

- [c9] The GPS having a rescue call function of Claim 6, further comprising a positioning map read by the device with a Bluetooth communication interface.